

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1-13. (Canceled)

14. (Currently Amended) A mixing device for mixing gas provided by a gas regulating device with ~~and~~ combustion air for a gas burner, comprising:

a monolithic housing defining:

an air inlet;

an outlet,

a first fluid path extending between the air inlet and the outlet;

a venturi nozzle situated in the fluid path between the air inlet and the outlet;

a gas inlet;

a second fluid path extending from the gas inlet to the venture nozzle of the housing;

wherein the gas inlet is, the housing having a first fastener member configured as a female receptacle for receiving to receive a protruding outlet stub of the gas regulating device;

a first releasable fastener that releasably fastens the gas regulating device relative to the monolithic housing, with the protruding outlet stub of the gas regulating device in a sealing relationship with the gas inlet of the housing, the first releasable fastener being hand releasable by a user such that the gas regulating device can be quickly removed and separated from the housing; and

a second releasable fastener that releasably fastens the monolithic housing to a support plate of a blower with the outlet of the monolithic housing in fluid communication with an aperture in the support plate of the blower, the second releasable fastener being hand releasable by a user such that the monolithic housing can be quickly removed and separated from the blower.

~~, and a second fastener member configured to interface with a supporting plate of a blower; and~~

~~a venturi nozzle, wherein the venturi nozzle, the first and the second fastener members are integrated in the housing in such a way that the housing, the first and second fastener members and the venturi nozzle are formed as a monolithic unit.~~

15. (Currently Amended) The mixing device of claim 14, wherein the monolithic housing unit is formed from plastic.

16. (Currently Amended) The mixing device of claim 14, wherein ~~the monolithic unit forms a flow duct for gas and combustion air, the mixing device being configured for combustion air to be sucked in at an inlet opening of the monolithic unit, a]~~ the blower acts acting at ~~[[an]] the outlet opening of the monolithic unit, and the blower providing of the monolithic housing to provide~~ a suction pressure to suck a ~~in the mixture of gas and combustion air through the outlet of the monolithic housing and toward the blower opening.~~

17. (Currently Amended) The mixing device of claim 16, wherein the monolithic housing unit is formed from plastic, and the support supporting plate of the blower is metallic, wherein the second releasable fastener ~~member~~ is configured to fasten the plastic monolithic housing fastened to the metallic supporting plate.

18. (Currently Amended) The mixing device of claim 17, wherein the second releasable fastener ~~member of the monolithic unit~~ is a quick-acting closure.

19. (Currently Amended) The mixing device of claim 18, wherein the quick-acting closure is formed as a bayonet closure, with an end on an outlet side of the monolithic housing unit being assigned projections, which can be introduced into corresponding recesses of the support supporting plate of the blower, and which releasably fasten the monolithic housing unit to the support supporting plate of the blower after the monolithic housing unit and the support supporting plate have been turned in relation to each other.

20. (Currently Amended) The mixing device of claim 17, wherein the fastening of the monolithic housing unit to the metallic support ~~supporting~~ plate of the blower includes a sealing element.

21. (Currently Amended) The mixing device of claim 16, further comprising:
a gas regulating device fastened relative to the monolithic housing unit via the first releasable fastener ~~member, the gas regulating device including a gas outlet stub that is insertable into a corresponding recess in the monolithic unit.~~

22. (Currently Amended) The mixing device of claim 21, wherein the first releasable fastener ~~member~~ that fastens the gas regulating device to the monolithic housing unit is a quick-acting closure.

23. (Currently Amended) The mixing device of claim 22, wherein the quick-acting closure includes:

a snap closure having a securing clip, assigned to the monolithic housing unit, that grips at least partially around the protruding gas outlet stub of the gas regulating device after the protruding outlet stub of the gas regulating device has been inserted into the gas inlet ~~recess~~ of the monolithic housing unit, in order to releasably fasten the gas regulating device to the monolithic housing unit.

24. (Currently Amended) The mixing device of claim 21, wherein the fastening of the gas regulating device relative to the monolithic housing unit includes a sealing element.

25. (Currently Amended) The mixing device of claim 21, wherein the gas inlet is laterally offset from ~~recess in the monolithic unit is arranged between the inlet opening and the outlet opening of the flow duct formed by the~~ first fluid path of the monolithic housing unit.

26. (Currently Amended) A gas burner, comprising:
a combustion chamber;
a mixing device configured to mix gas and combustion air, the mixing device

including[[:]] a monolithic housing defining ~~with~~ a venturi nozzle, wherein the venturi nozzle is integrated in the housing in such a way that the housing and the venturi nozzle are formed as a single piece monolithic unit;

a blower having a support supporting plate;

wherein the monolithic housing of the mixing device further includes [[a]] one or more integral fastener features member configured to ~~receive~~ releasably interlock with corresponding features of the supporting support plate of the blower; and

the blower, when activated, acts on the mixing device to suck in a mixture of gas and combustion air provided by the mixing device and feed feeding the mixture to the combustion chamber of the gas burner.

27. (Currently Amended) The gas burner of claim 26 wherein the monolithic housing unit of the mixing device forms a flow duct for gas and combustion air, where the combustion air is sucked in at an inlet opening of the monolithic housing unit and a mixture of gas and combustion air is provided through an outlet opening of the monolithic housing opening.

28. (Currently Amended) The gas burner of claim 27 wherein the blower acts at the outlet opening of the monolithic housing unit by providing a suction pressure to suck in the mixture of gas and combustion air through the outlet opening of the monolithic housing unit and providing the mixture to the combustion chamber of the gas burner.

29. (Currently Amended) The gas burner of claim 27 further comprising:
a gas regulating device releasably fastened to the monolithic housing unit, the gas regulating device including a gas outlet stub that is insertable into a corresponding recess in the monolithic housing unit, wherein the recess is in fluid communication with the flow duct of the monolithic housing unit.

30. (Currently Amended) The gas burner of claim 29 wherein the one or more fastener features member of the monolithic housing unit ~~is~~ are fastened to the blower supporting plate via a quick-acting closure.

31. (Previously Presented) The gas burner of claim 30, wherein the quick-acting closure is a bayonet closure.

32. (Currently Amended) The gas burner of claim 29 wherein the monolithic housing unit includes a quick-acting closure formed therein, the quick-acting closure configured to fasten the gas regulating device to the monolithic housing unit.

33. (Previously Presented) The gas burner of claim 32, wherein the quick-acting closure is a snap closure having a securing clip.

34. (Currently Amended) A mixing device for mixing gas and combustion air for a gas burner, said mixing device comprising:

a monolithic housing, ~~the housing~~ having:

side walls that define a venturi nozzle that forms a flow duct, the flow duct having an inlet ~~opening~~ for accepting combustion air and an outlet ~~opening~~ for providing a mixture of gas and combustion air;

a gas inlet ~~opening~~ extending through a side wall of the housing and into the flow duct intermediate the inlet and the outlet of the monolithic housing, the gas inlet ~~opening~~ configured to interface with ~~defining a recess for receiving~~ a gas outlet port stub of a gas regulating device situated in a gas regulating device housing; and

wherein the gas inlet of the monolithic housing is configured to interface with ~~includes a fastener member configured to receive~~ the gas outlet port stub of the gas regulating device; and

a releasable fastener for releasably fastening the monolithic housing to the gas regulating device gas outlet stub, wherein the housing, venturi nozzle, gas inlet opening, and fastener member are formed as a monolithic element such that a gas tight seal is formed between the gas inlet of the monolithic housing and the gas outlet port of the gas regulating device, the releasable fastener being hand releasable by a user such that the gas regulating device can be quickly removed and separated from the monolithic housing.

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35. (Currently Amended) The mixing device of claim 16, wherein the monolithic housing unit further defines a gas-routing duct configured to introduce fuel gas into the flow duct.

36. (Previously Presented) The mixing device of claim 35, wherein the gas-routing duct is configured to introduce fuel gas through an opening that opens out radially into the flow duct.